

CLAIMS

What is claimed is:

sub A3

112,1

sub A4

sub A5

1. A dextran-coated surface on a carrier having a carrier surface with a connection between the dextran and the carrier surface formed by a photolinker, said dextran-coating being attached to said carrier surface by co-immobilization of a mixture of dextran and the photolinker.

2. A dextran-coated surface according to claim 1, wherein said photolinker is a 3-trifluoromethyl-3-(m-isocyanophenyl)-diazirine (TRIMID)-modified protein. *only BSA, 112, 1*
T - BSA

3. A dextran-coated surface according to claim 1, wherein said photolinker is a 3-trifluoromethyl-3-(m-isocyanophenyl)-diazirine (TRIMID)-modified protein.

4. A dextran-coated surface according to claim 3, wherein said polysaccharide is aminodextran.

5. A dextran-coated surface according to claim 1, wherein said protein is bovine serum albumin (BSA).

6. A dextran-coated surface according to claim 1, wherein said carrier surface is coated with a polymer film.

7. A dextran-coated surface according to claim 6, wherein said polymer film consists of one of polyimide and poly-(p-xylylene). *polymer*

Gold
8. A dextran-coated surface according to claim 1, wherein said carrier surface is *the* surface of a mass-sensitive sensor.

9. A dextran-coated surface according to claim 8, wherein said mass-sensitive sensor is a component *capable* of utilizing surface acoustic waves.

10. A dextran-coated surface according to claim 1, wherein said carrier surface is *the* surface of an optical or electro-mechanical sensor.

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B 4